

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| | | diversity and (compos\$4 same add\$4 same averag\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:15 |
| | | (S45 S46 S47) and (add#3 with (mean averag\$3)) and diversity and (symbol same bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:15 |
| | | S34 and (site adj diversity_ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:15 |
| S1 | 2320 | 455/132-135,137,272,273,59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:48 |
| S2 | 635 | 455/137,273.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 14:00 |
| S3 | 419 | 455/137.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 14:09 |
| S4 | 246 | S3 and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:23 |
| S5 | 215 | S4 and (select\$4 combin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:24 |

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| S6 | 185 | S4 and ((select\$4 combin\$4) near3 signal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 19:01 |
| S7 | 2 | ("5697055" "5850607").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 14:12 |
| S8 | 6 | ("4737978" "5101501" "5267261" "5278892" "5305308" "5640414").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 14:15 |
| S9 | 783 | (diversity adj reception).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 14:55 |
| S11 | 2 | ("5697055" "5850607").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 14:52 |
| S12 | 3 | ("5345600" "5903826" "6141392").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 14:53 |
| S13 | 5 | (diversity adj reception).ab. and ((select\$4 combin\$4) near2 signal) and (multiple near2 base) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 17:46 |
| S14 | 12 | (diversity adj reception).ab. and ((select\$4) near2 frame) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 15:30 |
| S15 | 5 | ("5606569" "5640414" "5719871" "6132306" "6219550").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 16:04 |
| S16 | 665 | diversity.ab. and (combin\$4 with (frame signal portion)) and (mean average) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 17:47 |
| S17 | 152 | diversity.ab. and ((combin\$4 with (frame signal portion)) same (mean average)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 17:47 |

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| S18 | 21 | ("4072956" "4101836" "4128740" "4724441" "4733402" "4823136" "5166693" "5191598" "5274844" "5313660" "5339086" "5390342" "5499397" "5548835" "5581260" "5621770" "5724666" "5740526" "5933787" "5983118" "6006113").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 18:17 |
| S19 | 2320 | 455/132-135,137,272,273,59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 19:00 |
| S20 | 1046 | S19 and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 19:01 |
| S21 | 634 | S20 and ((select\$4 combin\$4) near3 signal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 19:01 |
| S22 | 12 | ("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:58 |
| S23 | 12 | ("5068916" "5179559" "5293643" "6041235" "6219550" "6493554").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 15:29 |
| S24 | 0 | S23 and (mean average) and combin\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 15:29 |
| S25 | 1 | S23 and (mean average) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 15:30 |

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| S26 | 2 | S23 and combin\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 15:30 |
| S27 | 147 | 714/751,701,746,756,758,786, 784,746.ccls. and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:49 |
| S28 | 67 | S27 and averag\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:49 |
| S29 | 41 | S28 and frame | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:50 |
| S30 | 39 | S29 and (select\$4 choos\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:52 |
| S31 | 9 | S27 and (averag\$4 with frame) and (select\$4 choos\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:55 |
| S32 | 18 | S27 and ((averag\$4 add\$3) with frame) and (select\$4 choos\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:14 |
| S33 | 2639 | space adj diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:14 |

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| S34 | 746 | S33 and (averag\$4 mean) and select\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:15 |
| S35 | 25 | S34 and (site adj diversity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:23 |
| S36 | 3338 | 370/328,230,324,529,40.2,41,43.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:23 |
| S37 | 6 | S36 and (site adj diversity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:24 |
| S38 | 6 | S37 and (select\$4 combin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:24 |
| S39 | 2447 | 455/132-135,137,272,273,59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:24 |
| S40 | 5 | S39 and (site adj diversity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:24 |
| S41 | 5 | S40 and (select\$4 combin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:25 |

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| S42 | 593 | 455/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:25 |
| S43 | 1366 | 455/101,132,137.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:27 |
| S44 | 1580 | 455/101,132,137,273.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:27 |
| S45 | 147 | 714/751,701,746,756,758,786, 784,746.ccls. and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:12 |
| S46 | 2447 | 455/132-135,137,272,273,59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:12 |
| S47 | 3338 | 370/328,230,324,529,40.2,41,43. 1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:13 |
| S48 | 14 | (S45 S46 S47) and (add\$3 with (mean averag\$3)) and diversity and (symbol same bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:36 |
| S49 | 39 | (S45 S46 S47) and (add\$3 with (mean averag\$3)) and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:36 |

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| S50 | 92 | (S45 S46 S47) and (add\$3 with (mean averag\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:37 |
| S51 | 39 | S50 and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:14 |
| S52 | 1537 | (S45 S46 S47) and diversity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:37 |
| S53 | 39 | S52 and (add\$3 with (mean averag\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:45 |
| S54 | 119 | S52 and (add\$3 with signals) and (averag\$4 with signals) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:53 |
| S55 | 1965 | diversity and (add\$3 with signals) and (averag\$4 with signals) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:52 |
| S56 | 829 | S55 and \$5phone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:48 |
| S57 | 18 | S52 and ((add\$3 with signals) same (averag\$4 with signals) same receiv\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 17:55 |

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| S58 | 105 | diversity and (compos\$3 same add\$3 same averag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:16 |
| S59 | 4 | diversity.ab. and (compos\$3 same add\$3 same averag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:48 |
| S60 | 4 | diversity.ab. and (compos\$3 same add\$3 same averag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:19 |
| S61 | 7 | (S45 S46 S47) and (compos\$3 same add\$3 same averag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:19 |
| S62 | 146 | diversity.ab. and (add\$3 same averag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:50 |
| S63 | 54 | S62 and \$5phone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:50 |
| S64 | 146 | diversity.ab. and (add\$3 same averag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 19:07 |
| S65 | 54 | S64 and \$5phone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 18:53 |

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| S66 | 55 | diversity.ab. and ((averag\$3 near2 signal) same combin\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 19:07 |
| S67 | 49 | S66 not S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 19:15 |
| S68 | 2 | ark adj maximum adj ratio | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 19:15 |